PL84-99 Introduction & Overview

USACE Authorities and Activities PL 84-99

U.S. Army Corps of Engineers

FCCE – Flood Fight

- **Disaster Preparation (100)**
- **Emergency Operations (200)**
- **Rehabilitation (300)**
- **Water Assistance (400)**
- **Advance Measures (500)**
- **Hazard Mitigation (600)**

- **Planning for Quick and Effective Response**
- **Training**
- **Stockpiling Supplies and Critical Flood Fight Materials**
- **Public Assistance Including liaison, Coordination, and Inspections**

USACE Authorities and Activities PL 84-99

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FCCE – Flood Fight

- Disaster Preparation
- Emergency Operations
- Rehabilitation
- Water Assistance
- Advance Measures
- Hazard Mitigation

- Field Investigation & Reconnaissance of Flood Potential
- Flood Fighting
  - Technical Assistance
  - Furnishing Materials
  - Rescue Operations
  - Contracting for Emergency Construction
- Post Flood Response
  - Emergency Debris Removal
  - Temporary Restoration of Critical Transportation Routes and Public Services and Utilities

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FCCE – Flood Fight

- Disaster Preparation
- Emergency Operations
- Rehabilitation
- Water Assistance
- Advance Measures
- Hazard Mitigation

- Repair any active flood control work
- Repair any Federally constructed hurricane or shore protection work

USACE Authorities and Activities PL 84-99

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FCCE – Flood Fight

- Disaster Preparation
- Emergency Operations
- Rehabilitation
- **Water Assistance**
- Advance Measures
- Hazard Mitigation

- Provide Clean Water Supply Due to Water Source Contamination
- For Assistance Due to Droughts,
  - Covers Well Drilling (Reimbursable)
  - Transportation (Not Supply) of Water Resources at Federal Expense

USACE Authorities and Activities PL 84-99

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FCCE – Flood Fight

- Disaster Preparation
- Emergency Operations
- Rehabilitation
- Water Assistance
- **Advance Measures**
- Hazard Mitigation

- Preventive Temporary Works Executed Prior to Predicted Unusual Flooding
- Examples:
  - Creating a Ring Levee Around Critical Facilities
  - Adding Height or Reinforcing Existing Levees

USACE Authorities and Activities PL 84-99

U.S. Army Corps of Engineers

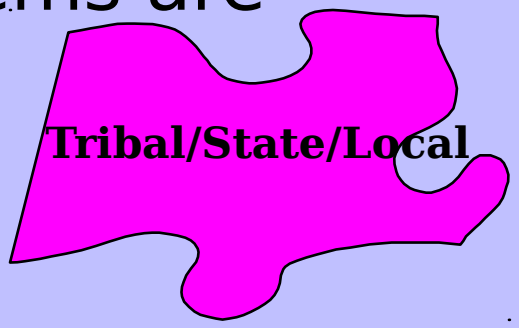
FCCE – Flood Fight

- Disaster Preparation
- Emergency Operations
- Rehabilitation
- Water Assistance
- Advance Measures
- **Hazard Mitigation**

- Identify Mitigation Opportunities
- Establish Framework for Recovery

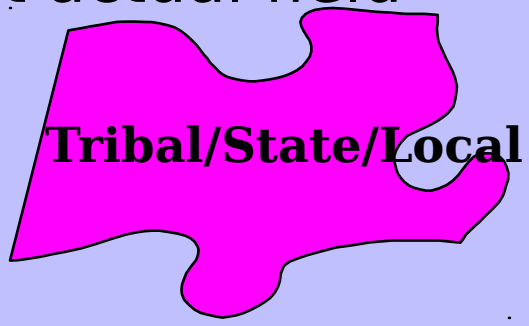
Tribal / State / Local

- This is where the flood gets personal
- Potential for life or death decisions
- Flood control works are operated properly
- Daily, sometimes hourly, communication
- Information flows both ways
- Problems and potential problems are addressed quickly
- Levee data base is critical



Tribal / State / Local (Con't)

- Communication is critical
  - USACE relays NWS river stage forecasts
  - USACE provides advice, mostly technical
  - Locals provide the "eyes on" perspective
  - Locals provide local changes, such as new bridges and other new infrastructure
  - Locals provide information about actual field conditions



ADVANCE MEASURES

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FCCE – Flood Fight

ADVANCE MEASURES

EMERGENCY MEASURES taken prior to a predictable imminent threat of unusual flooding to protect against loss of life or loss of improved property:

- **Written request from the Governor**
- **Supplement State and Local efforts**
- **Assistance examples:**
  - **Creating ring levee around critical facilities**
  - **Adding height or reinforcing existing levees**

Emergency Flood Response Operations

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FLOOD RESPONSE FLOOD FIGHT

- **Emergency assistance to save lives and protect property during a flood**
- **Supplement State and Local Efforts**
- **Terminates when emergency is over i.e., floodwaters recede to within top of bank**

Response Operations
EOC ACTIVATION

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FCCE – Flood Fight

- **Flood Response**
  - **EOC Activation / Commander declares emergency**
  - **Corps can provide flood fight assistance when the following criteria are met:**
    - **Rivers are at or above flood stage.**
    - **Local resources are fully employed.**
    - **Locals have requested assistance through State.**
  - **Flood fight assistance is intended to be a temporary, emergency measure.**
  - **Corps flood fight assistance is 100% federally funded, with possible exception of supplies and equipment.**
  - **Removal or upgrade of all emergency measures is a local responsibility.**

Flood Response TECHNICAL & DIRECT ASSISTANCE

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- Flood Response Operations
  - Technical assistance that can be provided:
    - Evaluation
    - Recommendations
  - Direct assistance examples:
    - Sandbags, plastic sheeting, and pumps
    - Emergency contracting
    - Levee reinforcement and / or raise
    - Deliberate levee cuts must be approved by Corps
    - Assist in Search and Rescue

POST FLOOD RESPONSE

(GAP)

Rarely used now.

Post Flood Response (GAP)

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FCCE – Flood Fight

- **Post Flood Response:**
  - **Provides USACE assistance, if necessary, to ensure continuity of Federal response operations between the end of a Flood fight event and a request for a Presidential Disaster Declaration.**
  - **Limited to *major* flood events, hurricanes, and coastal storms.**
  - **Governor sends written request to Corps for Post Flood Response concurrent with or subsequent to the State's request to FEMA for disaster declaration under Stafford Act.**
  - **Ten-day limit from receipt of governor's request, not extendable**

Rehabilitation Program

REHABILITATION ASSISTANCE

- Recovery program provides authority to repair flood control structures damaged or destroyed by flood

THREE TYPES OF LEVEE SYSTEMS

- **Federal Levee Systems**
- **Non Federal Levee Systems in Federal Program**
- **Other Levee Systems (not inspected & not eligible)**

Policy

- Active projects damaged by a flood or coastal storm
- Deficient / deferred maintenance is sponsor responsibility
- Assistance is limited to pre-disaster condition and level of protection
- COOPERATION AGREEMENT WITH Cost share –
  - Federal FCW: 100% Federal
  - Non-Federal FCW: 80% Federal / 20% Local
    - Local cost share can be cash, work-in-kind, or combination
    - Work-in-Kind value is based on the Corps' estimate to accomplish work

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FCCE – Flood Fight

Notice to Public Sponsors

- Immediately after a flood event, District Commanders will issue a notice to public sponsors of the submittal deadline to apply for rehabilitation assistance.
  - Assistance limited to FCWs with active status
  - Notice will be sent to the public sponsor of active FCW projects.
  - Notice should be issued when flood waters recede to bank full
  - Notice will also be provided to local news media, regional flood associations, state/local emergency management agencies, other pertinent agencies as necessary
  - Deadline for public sponsors is 30 calendar days from date of notice
  - Can be extended an additional 30 days by MSC

District Responsibilities

- Recommend precautions or evacuations to affected local agencies or officials when flooding conditions are forecasted.
- Furnish advice, supervision and materials, as appropriate to obtain the maximum benefit from the flood protection project.

District Responsibilities

- Assist the Red Cross and Coast Guard in evacuation when demand exceeds their capability.

- Assess flood damage.

- Assist local agencies to repair and restore flood-damaged flood protection projects, as directed by applicable laws.

Field Investigation Team

- Field Investigation Team responsibilities:
  - Assess damage (Determine type of damage and quantities of fill)
  - **Identify potential borrow areas**
  - Identify potential solutions (typical…in-place, realignment, non-structural alternative)
  - Identify access routes / haul roads
  - Local POC
  - Potential RE requirements…ROW / Easements etc.
  - Cost sharing options
  - Cultural Assessment
  - Environmental Assessment
  - Ascertain land usage gather economic data

Nonstructural Alternatives Projects (NSAP)

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FCCE – Flood Fight

Nonstructural Alternatives Projects (NSAP)

- When active FCW damaged, Sponsor may elect a NSAP for:
  - floodplain restoration
  - floodway restoration
  - reduction of future flood damages and associated FCW repair costs

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OTHER CORPS AUTHORITIES

CONTINUING AUTHORITIES PROGRAM (CAP)

CONTINUING AUTHORITIES PROGRAM

- Under several different laws, Congress delegated its authority to approve certain projects, up to specified dollar amounts (subject to availability of funds) to the Chief of Engineers
- Quick to implement (usu. 3 yrs from study to construction)
- Approved by Division Engineer
- EC 1105-2-217 CAP reference
- Cost-sharing required

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FCCE – Flood Fight

Continuing Authorities Program

Flood Control	**Sec 205** **Sec. 208**	**Small flood control projects** **Snagging and clearing for flood control (logjam removal)**
Erosion Control	**Sec. 14** **Sec. 111**	**Erosion protection for Public Facilities** **Erosion damage by Fed nav project**
Environmental	**Sec. 206** **Sec. 1135**	**Aquatic ecosystem restoration and protection** **Proj mod to improve envr where project contributed to degradation**
Navigation	**Sec. 107**	**Small navigation projects**